

# ABL Space Systems — Coding Challenge

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The goal of this challenge is to create a small frontend application using [React](#) that allows the user to browse Top Albums from Apple Music and keep a list of their favorites.

We are looking for well-structured code and a functional application that meets the requirements.

## Requirements

- The user can view all of the albums in a list view.
  - Use the provided function, `fetchTopAlbums` in `top-albums.js`, for "fetching" the mock data (it simulates a request).
- The user can view additional details about a selected album.
- The user can add and remove albums from their "favorites" list.
  - Persist this state using `localStorage`. The favorited status of each album should not be lost when the page is reloaded.
- The user can view their list of favorited albums.

We have provided screenshots of an example implementation in the `UI Examples/` folder. Feel free to copy this design or take inspiration from it, if you like. Assessing your graphic design skills is not the main purpose of the challenge.

P.S. We used the "★" unicode character for the favorited icon. Nice and simple!

## Guidelines

- Implement your solution as a React application. Feel free to use any other additional libraries (e.g. for state management), but it isn't required.
- Keep it simple.
  - It is not necessary to implement client-side routing (e.g. `ReactRouter`). All of the views can have the same URL.
  - Don't worry about having the perfect build pipeline (e.g. `webpack` configuration).

- Please make commits as you work on the challenge. There should not be a single commit that contains your entire solution.
- Provide instructions for running the application.

There is no time limit. When you are ready, submit your solution to [dave@ablspacesystems.com](mailto:dave@ablspacesystems.com).

Thanks! We look forward to seeing your work.